

157083

# Monsanto

FROM (NAME-LOCATION-PHONE) R. L. Nelson / WCK Sta. 2575

DATE : August 16, 1985 cc. K. Petterson  
SUBJECT : Fleischer Seeger's Installation L. Bumbicka  
REFERENCE : of Asphaltic Membrane K. Lichtenheld  
TO : Ralph Martini G. Grundmann  
CED 3808

K. Lichtenheld and I reviewed R. Schlereth's procedure for installing the asphaltic membrane with N. Hucksley and L. Sheppard, of Pennwalt, yesterday (8/15/85). Mr. Hucksley and Sheppard expressed concern over the possible asphalt buildup on the lower sections of membrane by starting at the top section. If Fleischer Seeger can prevent this buildup, we will accept the following procedure for installing the asphalt membrane:

1. Manhole is to be clean, all dust removed from walls and then primed. The entire surface shall be thoroughly covered (entire concrete surfaces should be black) with no puddling.
2. Starting at the bottom of the top 1/3 of the manhole apply hot asphaltic membrane from the bottom up to the top around the entire inside perimeter in successive applications to build a thickness of 1/8". Prevent runs onto lower portion of manhole. The use of rags, fabric or other fibrous materials to stop runs is strictly forbidden. Remove any material which may have run onto lower surfaces. At laps remove all material in excess of 1/8" in thickness.
3. Repeat Step 2 in the 2nd 1/3 of the manhole.
4. Repeat Step 2 in the bottom 1/3 of the manhole. Extend the asphaltic membrane onto the floor a distance of 6" from the manhole wall. Remove all material in excess of 1/8" from this floor extension. Remove all drips, splatters, etc., from the floor past the 6" extension.
5. Upon completion of Steps 1 thru 4 the entire interior walls of the manhole should have 1/8" thickness of membrane. Inspect surfaces and laps with a pin to insure a thickness of 1/8" asphaltic membrane. Remove any material in excess of 1/8", add material in areas below 1/8" in thickness.
6. Install fiberglass asphalt impregnated cloth (black) starting at the top of the manhole working down. Cloth to be installed in one vertical piece, the width of the roll. Lap adjoining pieces of cloth 3". Project cloth from the wall onto the floor a distance of 4".
7. Apply the final layer of hot asphaltic membrane as described in Steps 2, 3, and 4, building a finished thickness of 1/4". Extend final layer of asphalt onto the floor a distance of 2" from the wall. Check finished membrane for thickness and compliance with specs. Remove all material in excess of 1/4". Fill areas below 1/4" in thickness.

  
R. L. Nelson

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8/17/85